

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061815\
 Data File : BM001728.D
 Acq On : 17 Jun 2015 21:15
 Operator : TP/IZ
 Sample : SSTD0.807
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.807

Quant Time: Jun 18 04:24:06 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM061815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 18 04:21:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	1137	0.40	ng/ul	0.00
2) Naphthalene-d8	10.46	136	4024	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.32	164	1912	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.06	188	3958	0.40	ng/ul	0.00
16) Chrysene-d12	21.25	240	3393	0.40	ng/ul	0.00
20) Perylene-d12	23.47	264	2881	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.04	152	4005	0.79	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	6875	0.80	ng/ul	0.00

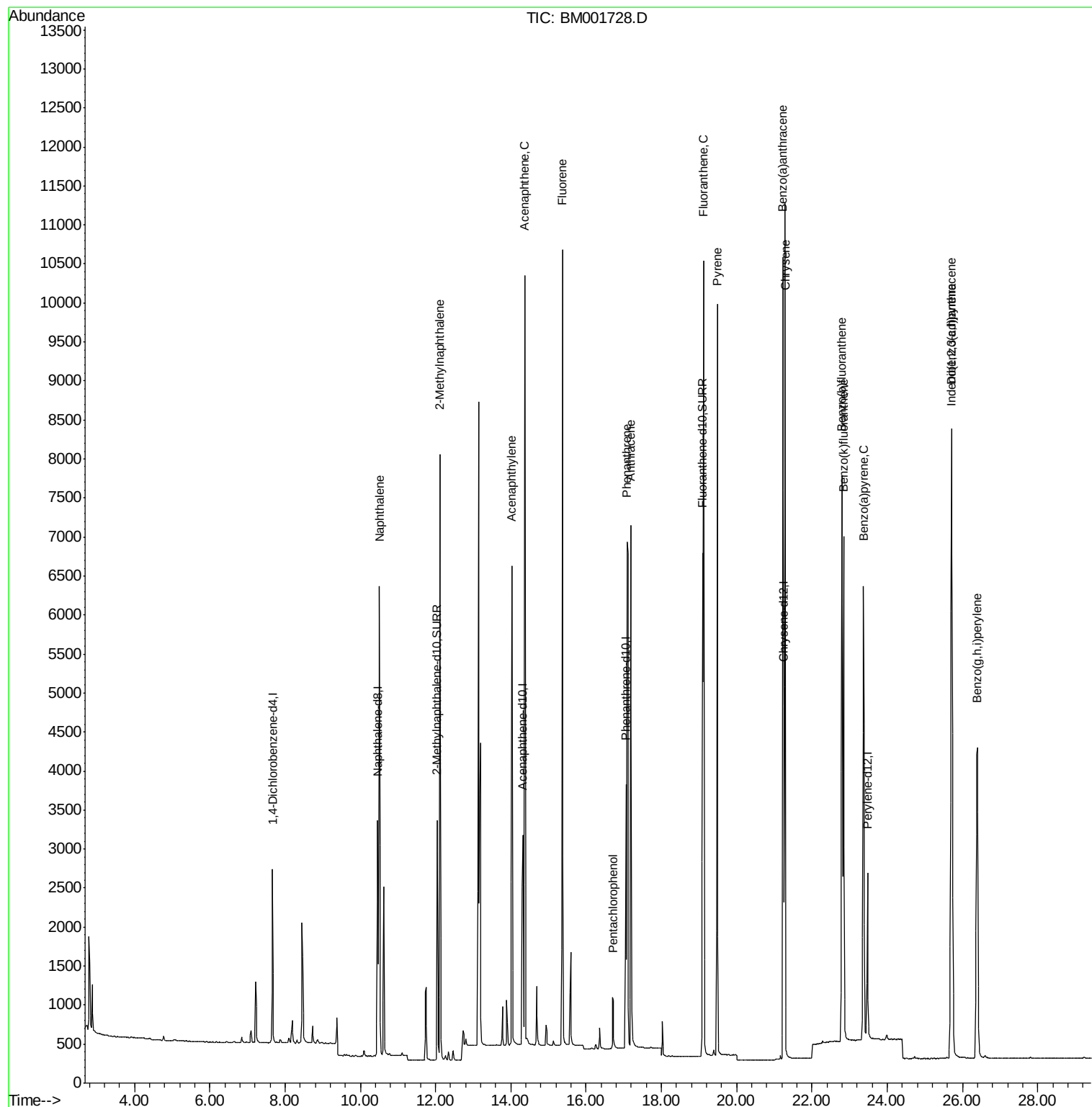
Target Compounds				Qvalue		
3) Naphthalene	10.50	128	8550	0.83	ng/ul	98
5) 2-Methylnaphthalene	12.12	142	5453	0.81	ng/ul	100
7) Acenaphthylene	14.03	152	7395	0.86	ng/ul	97
8) Acenaphthene	14.37	153	5611	0.83	ng/ul	99
9) Fluorene	15.37	166	6295	0.84	ng/ul	99
11) Pentachlorophenol	16.70	266	656	0.76	ng/ul	98
12) Phenanthrene	17.09	178	9513	0.84	ng/ul#	90
13) Anthracene	17.18	178	8796	0.84	ng/ul	97
15) Fluoranthene	19.12	202	10361	0.83	ng/ul	86
17) Pyrene	19.49	202	10674	0.80	ng/ul	98
18) Benzo(a)anthracene	21.23	228	8819	0.84	ng/ul	99
19) Chrysene	21.28	228	9322	0.79	ng/ul	98
21) Benzo(b)fluoranthene	22.80	252	8809	0.84	ng/ul	96
22) Benzo(k)fluoranthene	22.84	252	8774	0.82	ng/ul	94
23) Benzo(a)pyrene	23.37	252	8179	0.82	ng/ul	94
24) Indeno(1,2,3-cd)pyrene	25.70	276	9293	0.84	ng/ul	99
25) Dibenzo(a,h)anthracene	25.71	278	7557	0.86	ng/ul	96
26) Benzo(g,h,i)perylene	26.39	276	8024	0.82	ng/ul	98

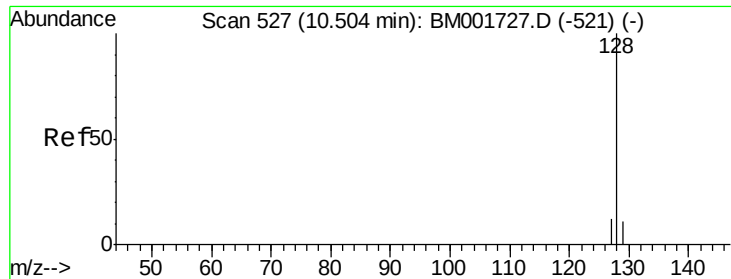
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 18 04:24:06 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM061815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 18 04:21:50 2015
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#3

Naphthalene

Concen: 0.83 ng/ul

RT: 10.50 min Scan# 527

Delta R.T. 0.00 min

Lab File: BM001728.D

Acq: 17 Jun 2015 21:15

Instrument :

BNA_M

ClientSampleId :

SSTD0.807

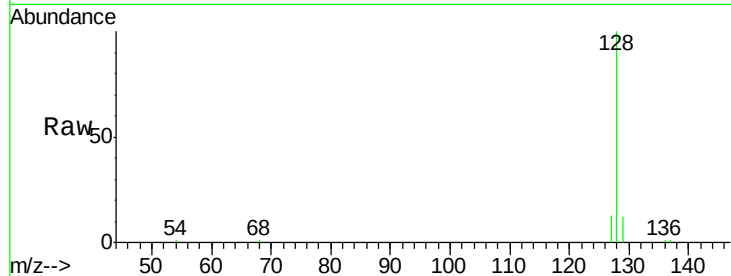
Tgt Ion:128 Resp: 8550

Ion Ratio Lower Upper

128 100

129 12.0 10.3 15.5

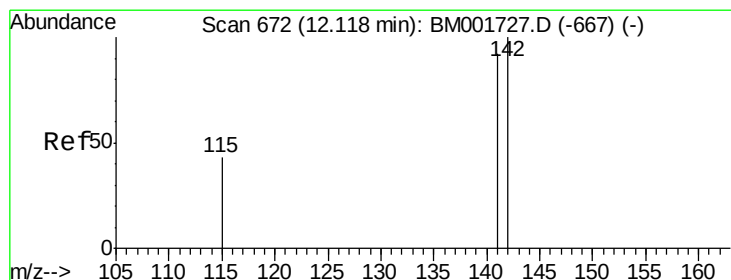
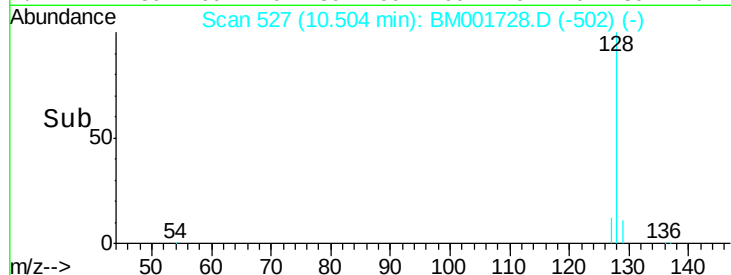
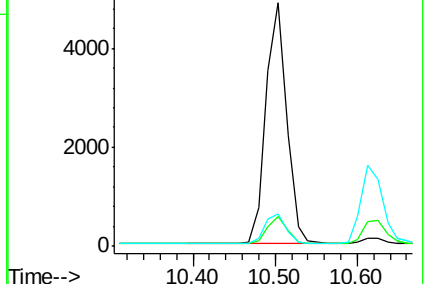
127 13.1 11.3 16.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.81 ng/ul

RT: 12.12 min Scan# 672

Delta R.T. 0.00 min

Lab File: BM001728.D

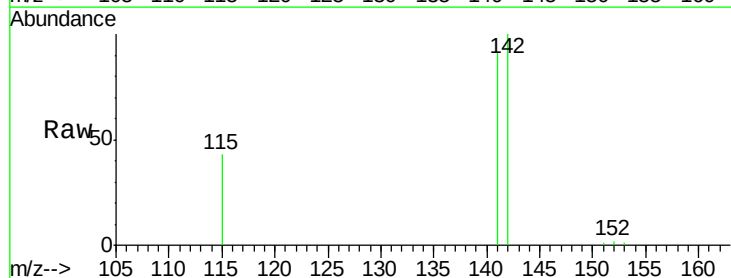
Acq: 17 Jun 2015 21:15

Tgt Ion:142 Resp: 5453

Ion Ratio Lower Upper

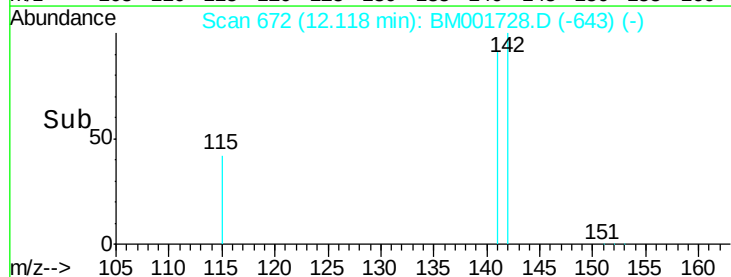
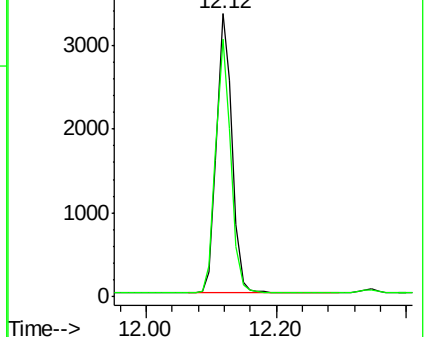
142 100

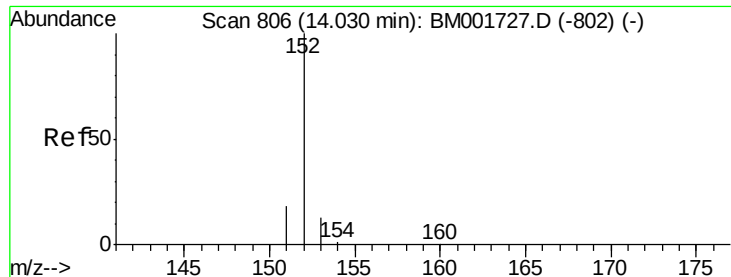
141 88.3 70.9 106.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.86 ng/ul

RT: 14.03 min Scan# 806

Delta R.T. 0.00 min

Lab File: BM001728.D

Acq: 17 Jun 2015 21:15

Instrument :

BNA_M

ClientSampleId :

SSTD0.807

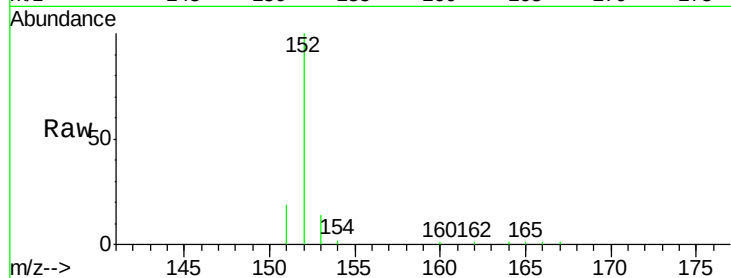
Tgt Ion:152 Resp: 7395

Ion Ratio Lower Upper

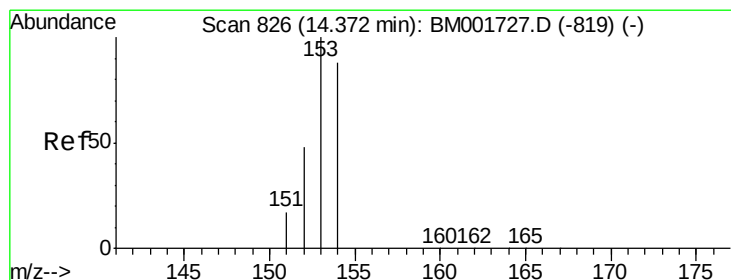
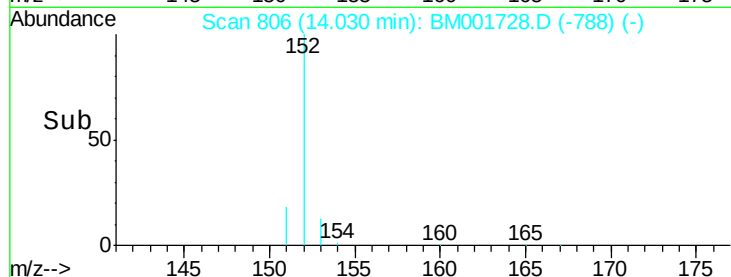
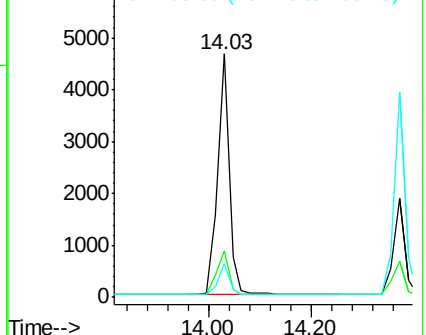
152 100

151 19.0 16.2 24.4

153 14.1 12.2 18.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#8

Acenaphthene

Concen: 0.83 ng/ul

RT: 14.37 min Scan# 826

Delta R.T. 0.00 min

Lab File: BM001728.D

Acq: 17 Jun 2015 21:15

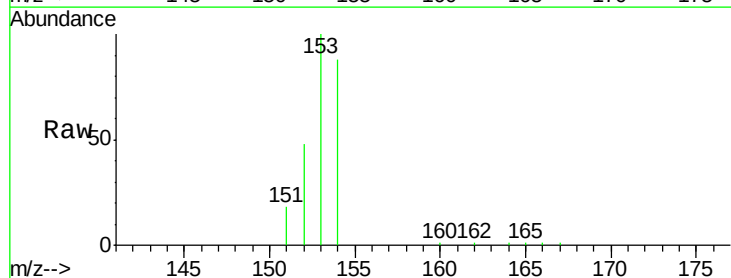
Tgt Ion:153 Resp: 5611

Ion Ratio Lower Upper

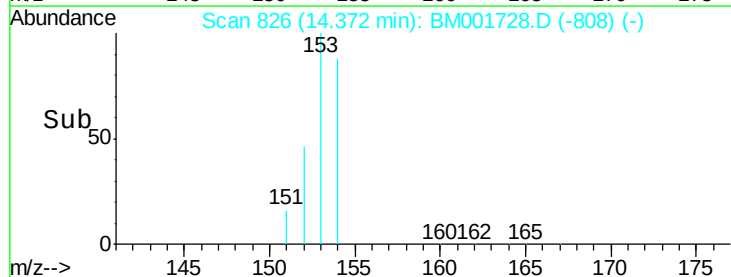
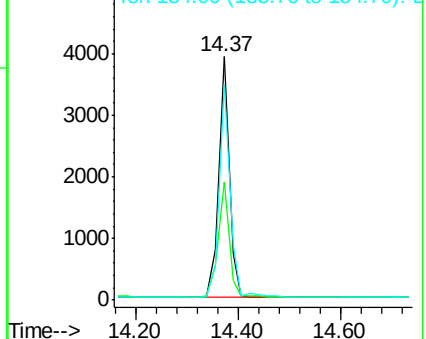
153 100

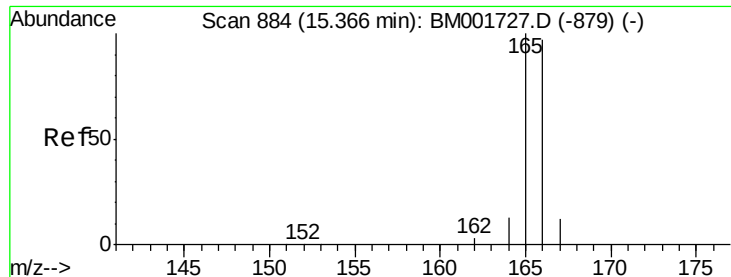
152 48.4 39.6 59.4

154 88.4 70.7 106.1



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E

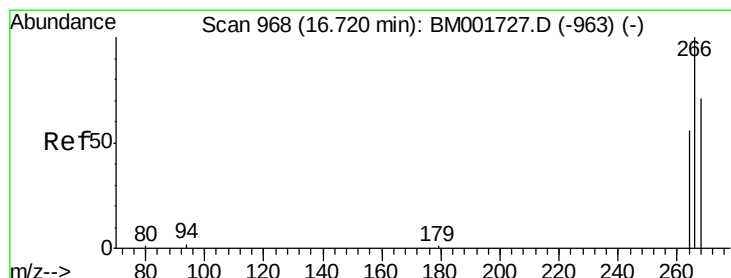
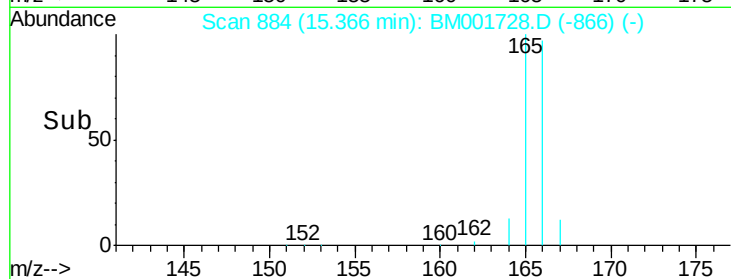
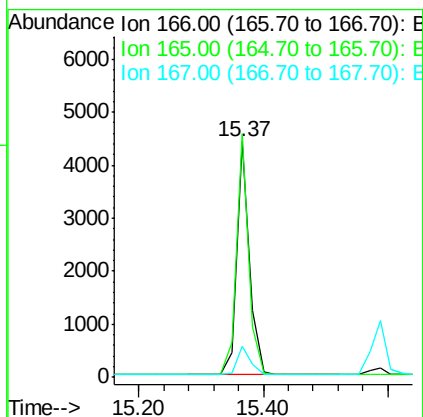
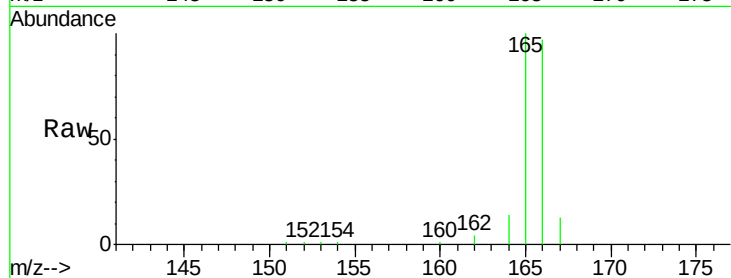




#9
Fluorene
 Concen: 0.84 ng/ul
 RT: 15.37 min Scan# 884
 Delta R.T. 0.00 min
 Lab File: BM001728.D
 Acq: 17 Jun 2015 21:15

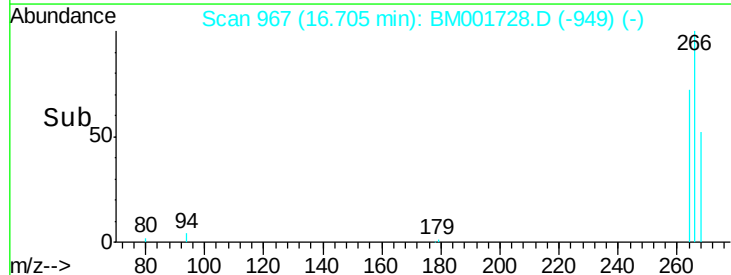
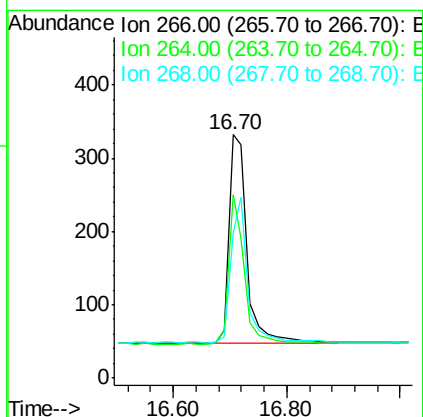
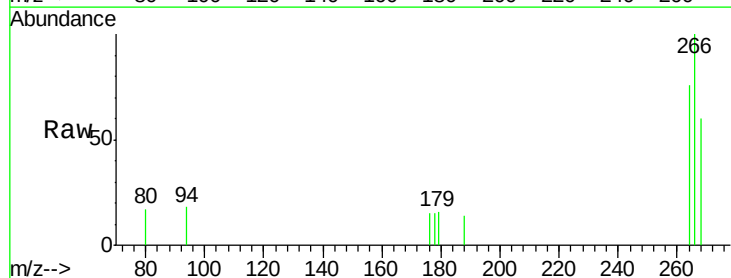
Instrument :
 BNA_M
 ClientSampleId :
 SST0.807

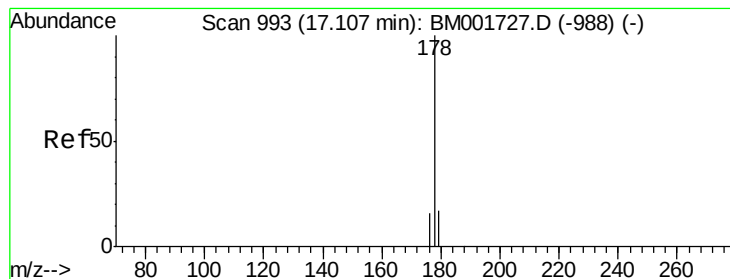
Tgt Ion:166 Resp: 6295
 Ion Ratio Lower Upper
 166 100
 165 103.4 82.2 123.4
 167 13.5 11.9 17.9



#11
Pentachlorophenol
 Concen: 0.76 ng/ul
 RT: 16.70 min Scan# 967
 Delta R.T. -0.02 min
 Lab File: BM001728.D
 Acq: 17 Jun 2015 21:15

Tgt Ion:266 Resp: 656
 Ion Ratio Lower Upper
 266 100
 264 63.7 50.7 76.1
 268 65.7 50.5 75.7





#12

Phenanthrene

Concen: 0.84 ng/ul

RT: 17.09 min Scan# 992

Delta R.T. -0.02 min

Lab File: BM001728.D

Acq: 17 Jun 2015 21:15

Instrument :

BNA_M

ClientSampleId :

SSTD0.807

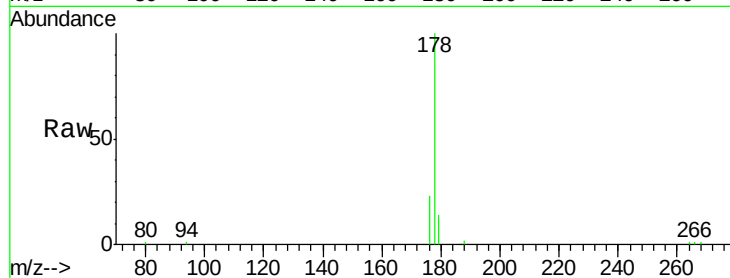
Tgt Ion:178 Resp: 9513

Ion Ratio Lower Upper

178 100

176 22.8 14.6 21.8#

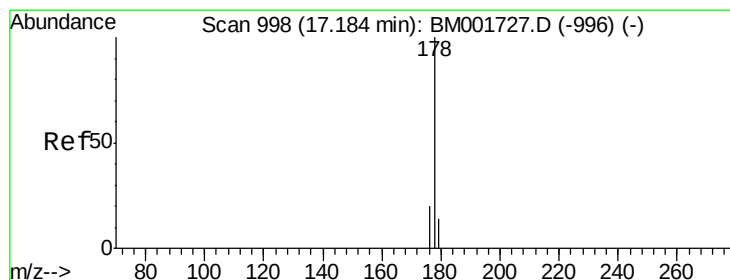
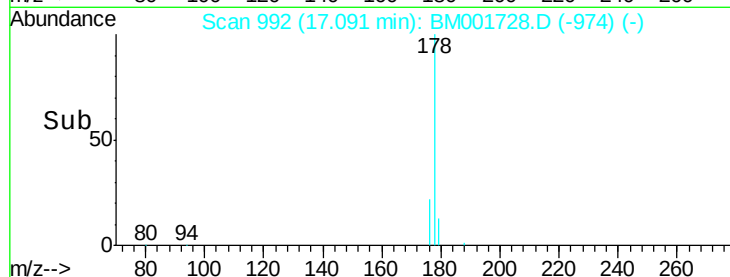
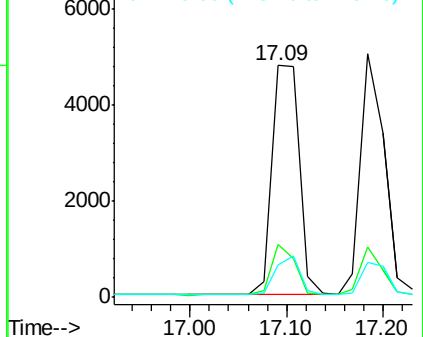
179 14.2 15.0 22.6#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#13

Anthracene

Concen: 0.84 ng/ul

RT: 17.18 min Scan# 998

Delta R.T. 0.00 min

Lab File: BM001728.D

Acq: 17 Jun 2015 21:15

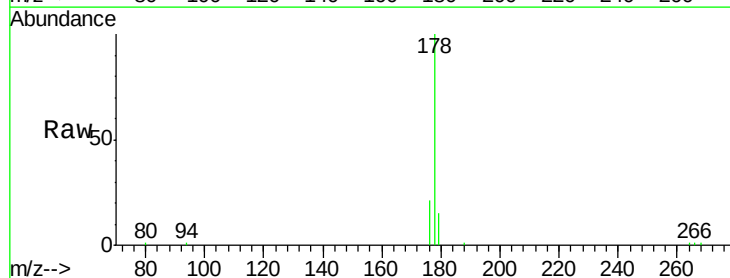
Tgt Ion:178 Resp: 8796

Ion Ratio Lower Upper

178 100

176 20.9 17.8 26.8

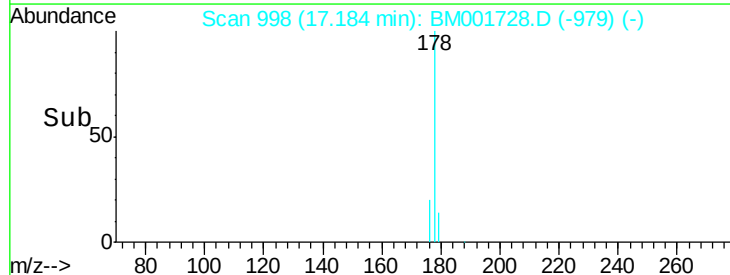
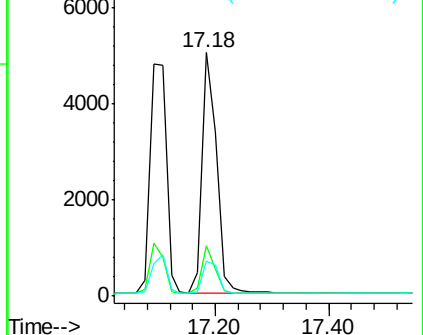
179 14.6 12.6 18.8

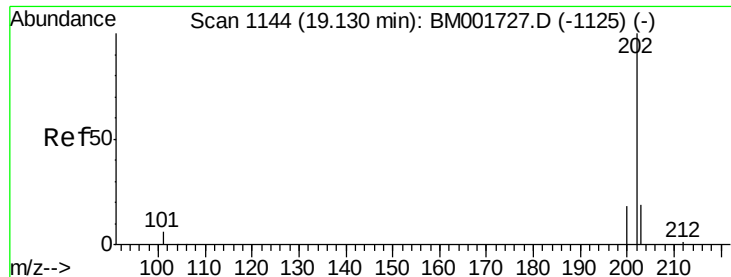


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

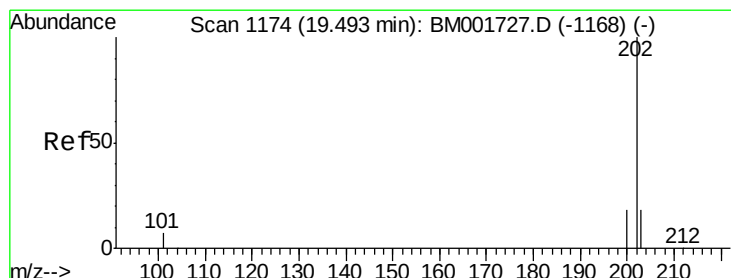
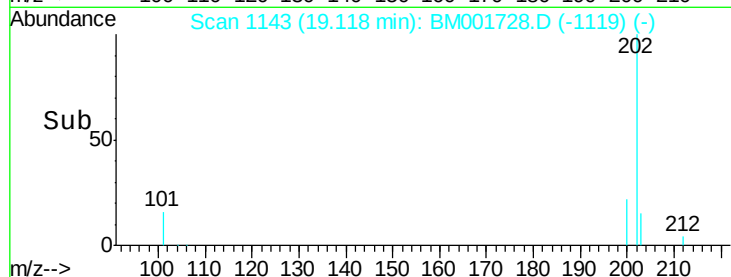
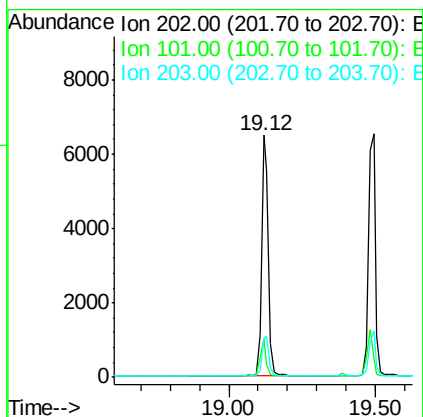
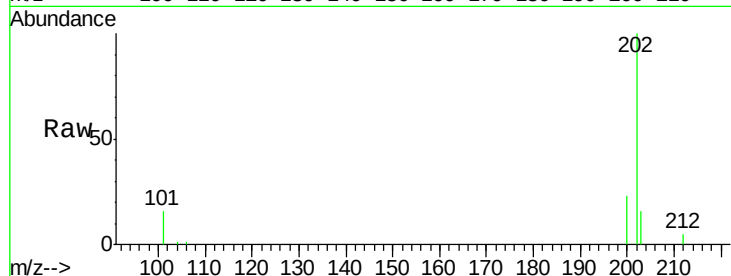




#15
Fluoranthene
Concen: 0.83 ng/ul
RT: 19.12 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BM001728.D
Acq: 17 Jun 2015 21:15

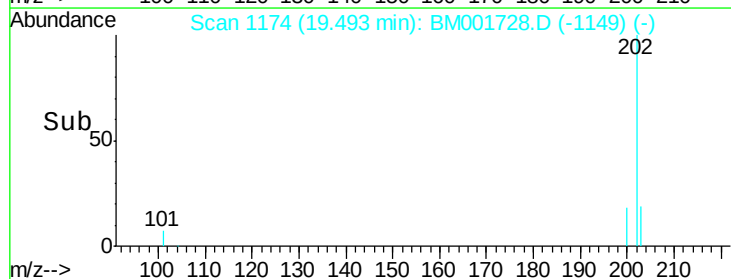
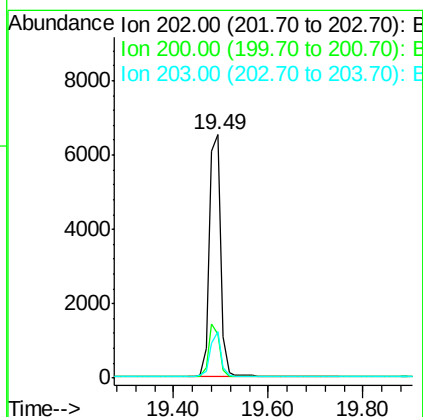
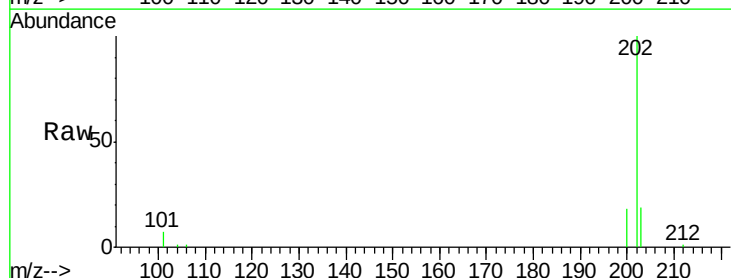
Instrument :
BNA_M
ClientSampleId :
SSTD0.807

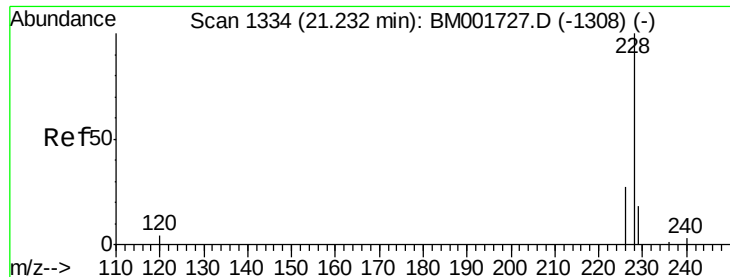
Tgt Ion:202 Resp: 10361
Ion Ratio Lower Upper
202 100
101 16.2 0.0 27.5
203 15.8 0.7 40.7



#17
Pyrene
Concen: 0.80 ng/ul
RT: 19.49 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BM001728.D
Acq: 17 Jun 2015 21:15

Tgt Ion:202 Resp: 10674
Ion Ratio Lower Upper
202 100
200 18.2 15.7 23.5
203 19.3 15.8 23.8





#18

Benzo(a)anthracene

Concen: 0.84 ng/ul

RT: 21.23 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BM001728.D

Acq: 17 Jun 2015 21:15

Instrument :

BNA_M

ClientSampleId :

SSTD0.807

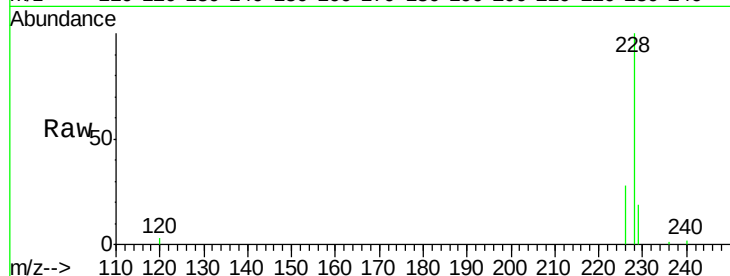
Tgt Ion:228 Resp: 8819

Ion Ratio Lower Upper

228 100

226 27.8 22.3 33.5

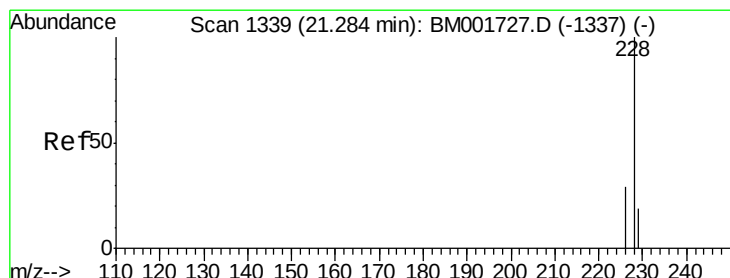
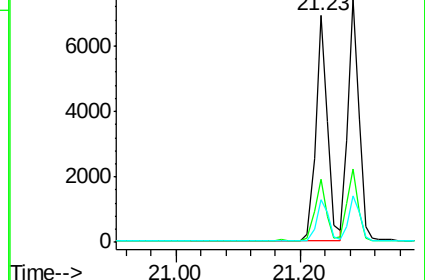
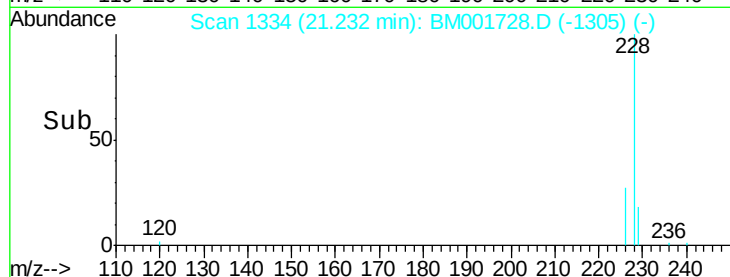
229 18.8 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#19

Chrysene

Concen: 0.79 ng/ul

RT: 21.28 min Scan# 1339

Delta R.T. 0.00 min

Lab File: BM001728.D

Acq: 17 Jun 2015 21:15

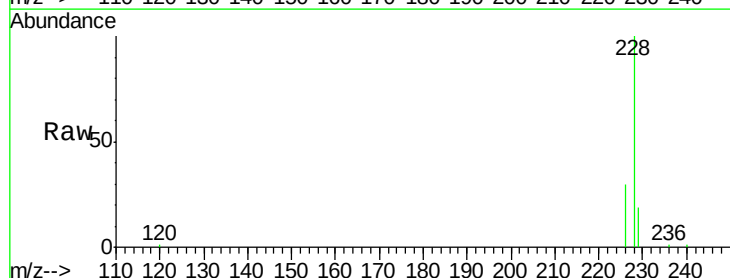
Tgt Ion:228 Resp: 9322

Ion Ratio Lower Upper

228 100

226 30.0 24.8 37.2

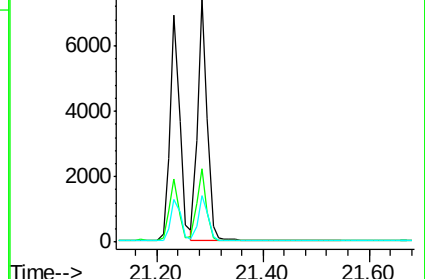
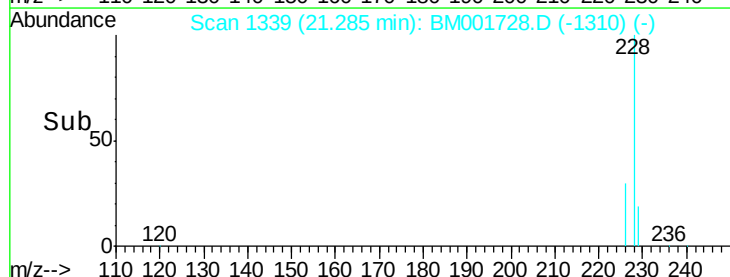
229 19.0 16.0 24.0

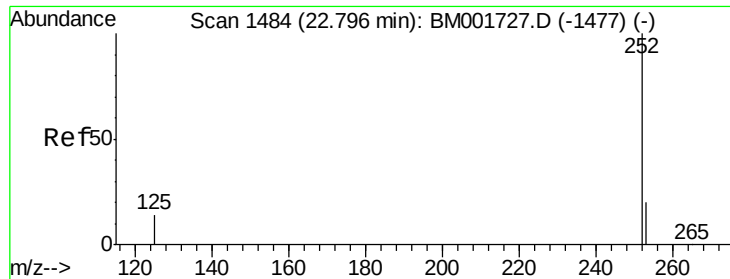


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.84 ng/ul

RT: 22.80 min Scan# 1484

Delta R.T. 0.00 min

Lab File: BM001728.D

Acq: 17 Jun 2015 21:15

Instrument :

BNA_M

ClientSampleId :

SSTD0.807

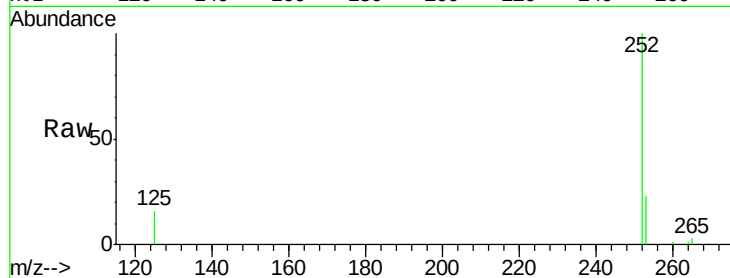
Tgt Ion:252 Resp: 8809

Ion Ratio Lower Upper

252 100

253 22.5 0.0 48.4

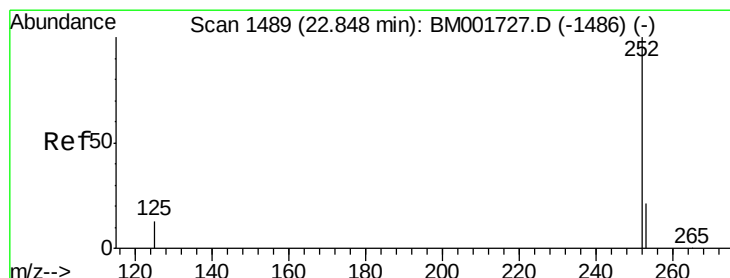
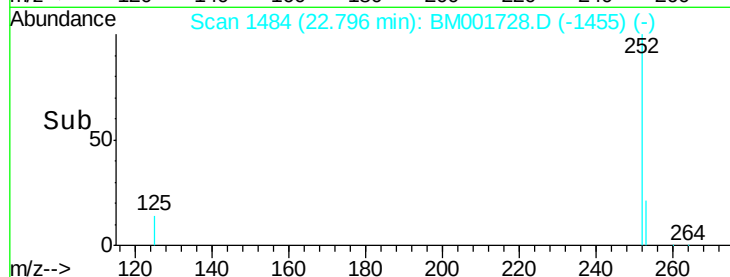
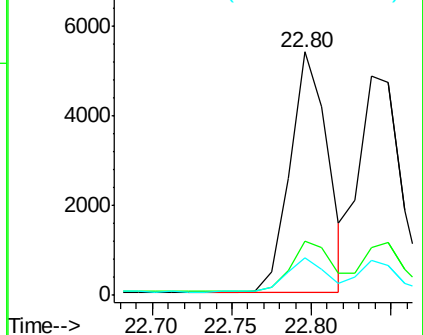
125 15.7 0.0 35.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#22

Benzo(k)fluoranthene

Concen: 0.82 ng/ul

RT: 22.84 min Scan# 1488

Delta R.T. -0.01 min

Lab File: BM001728.D

Acq: 17 Jun 2015 21:15

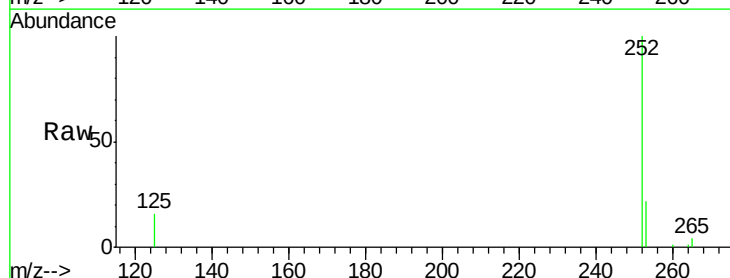
Tgt Ion:252 Resp: 8774

Ion Ratio Lower Upper

252 100

253 21.7 21.2 31.8

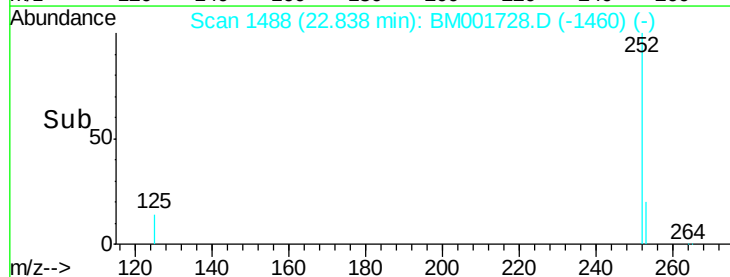
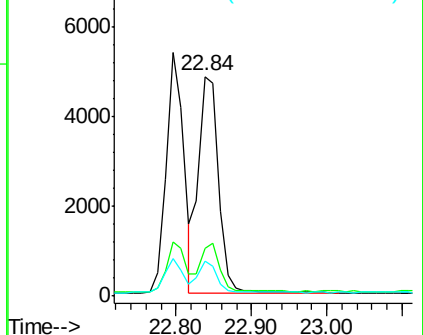
125 15.7 12.7 19.1

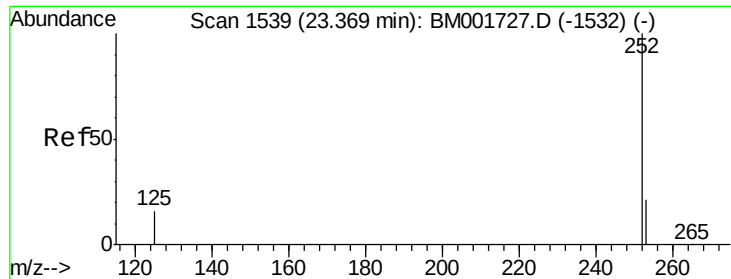


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.82 ng/ul

RT: 23.37 min Scan# 1539

Delta R.T. 0.00 min

Lab File: BM001728.D

Acq: 17 Jun 2015 21:15

Instrument :

BNA_M

ClientSampleId :

SSTD0.807

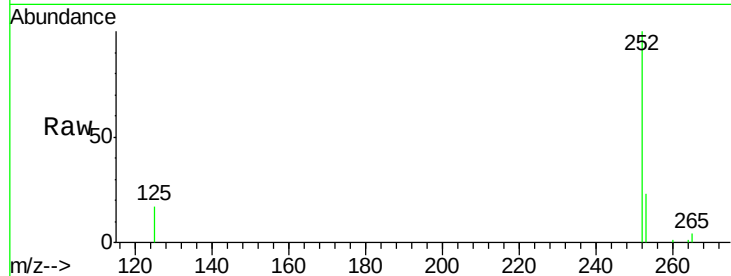
Tgt Ion:252 Resp: 8179

Ion Ratio Lower Upper

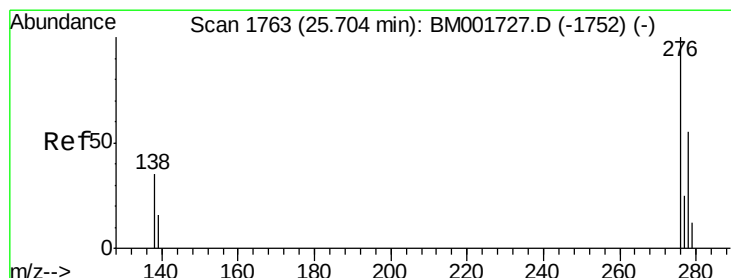
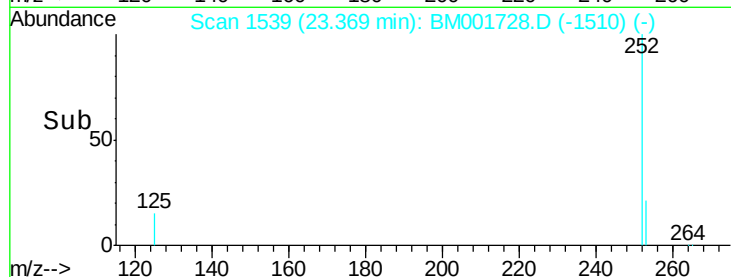
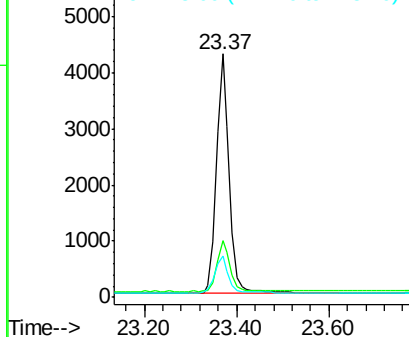
252 100

253 23.4 21.1 31.7

125 16.8 15.6 23.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.84 ng/ul

RT: 25.70 min Scan# 1763

Delta R.T. 0.00 min

Lab File: BM001728.D

Acq: 17 Jun 2015 21:15

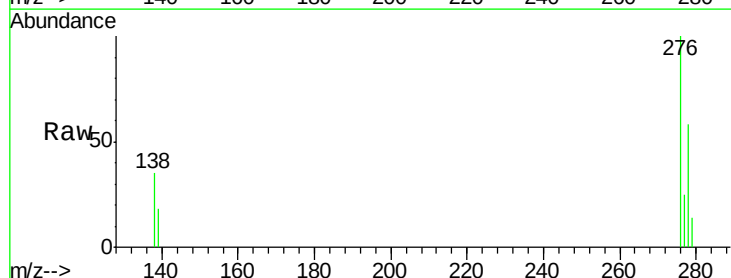
Tgt Ion:276 Resp: 9293

Ion Ratio Lower Upper

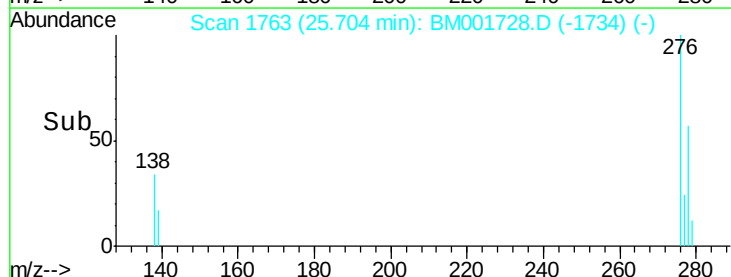
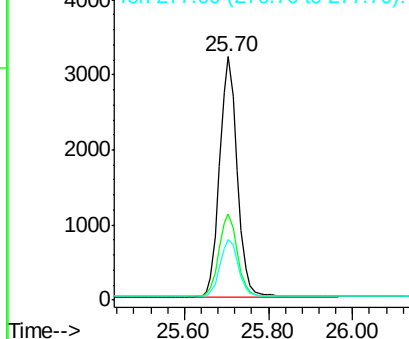
276 100

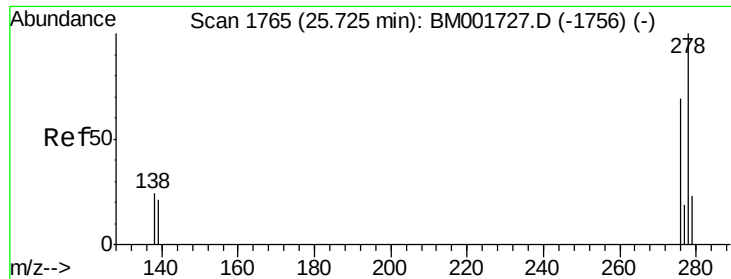
138 35.0 28.2 42.2

277 24.7 20.2 30.2



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.86 ng/ul

RT: 25.71 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BM001728.D

Acq: 17 Jun 2015 21:15

Instrument :

BNA_M

ClientSampleId :

SSTD0.807

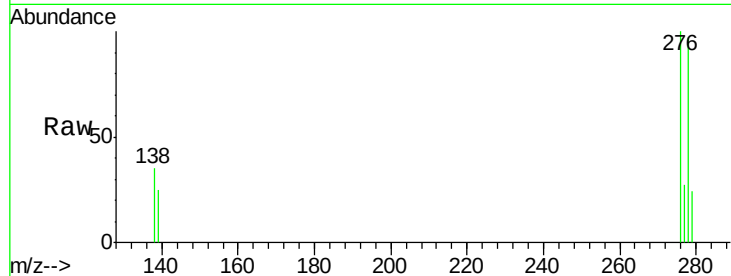
Tgt Ion: 278 Resp: 7557

Ion Ratio Lower Upper

278 100

139 25.6 20.1 30.1

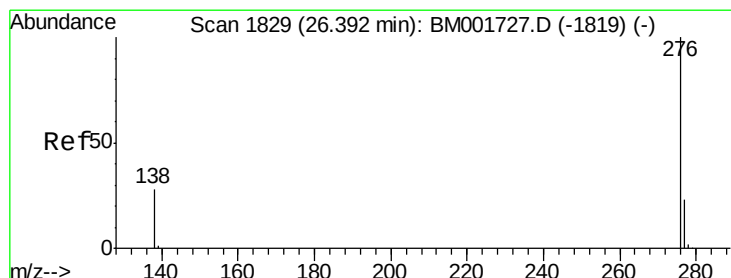
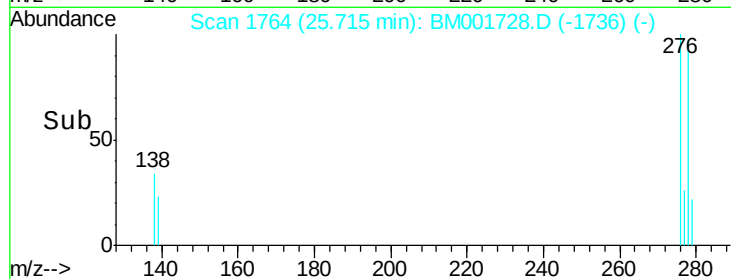
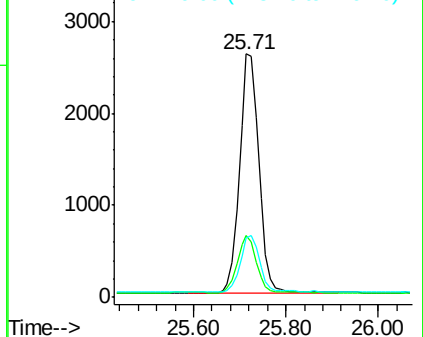
279 24.5 22.6 33.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#26

Benzo(g,h,i)perylene

Concen: 0.82 ng/ul

RT: 26.39 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BM001728.D

Acq: 17 Jun 2015 21:15

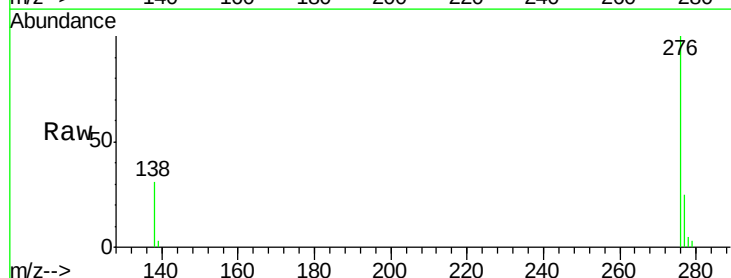
Tgt Ion: 276 Resp: 8024

Ion Ratio Lower Upper

276 100

277 25.3 21.1 31.7

138 30.8 25.3 37.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

